MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

FEBRUARY, 1927

J. A. BROWN, DIRECTOR

LIBRARY
MAY 19 1927
WEATHER BUREAU

Printed at the American Press
Beirut, Syria

FEBRUARY 1927

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C, Sea level and 45° Latitude				Thermometer Cent.			Bright Sunshine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	766.1	765.2	765.9	765.7	16.0	11.1		11.6	0.76
2	5.2	4.0	4.8	4.7	16.8	11.7		0.0	36.89
3	5.3	4.2	4.4	4.6	17.1	11.2		5.8	10.56
4	5.5	4.7	5.0	5.1	15.2	12.4		8.5	1.12
5	3.3	1.4	1.0	1.9	15.6	9.4		8.7	0.00
6	59.6	58.2	58.2	58.7	15.7	10.2		7.6	0.00
7	9.3	9.9	61.6	60.3	15.0	11.9		3.1	5.72
8	9.0	7.1	54.8	57.0	15.1	10.9		0.1	7.20
9	2.8	0.9	3.0	2.6	16.4	11.3		1.3	14.52
10	1.0	0.2	48.6	49.9	13.9	10.1		0.0	18.87
11	51.6	1.5	56.3	52.6	10.0	5.6		2.6	12.06
12	9.8	60.9	62.8	61.2	10.0	5.0		5.6	5.08
13	63.4	3.0	3.8	63.4	9.2	5.8		0.1	0.35
14	4.0	3.9	4.0	4.0	9.8	5.5		1.6	1.65
15	59.7	9.0	60.3	59.7	9.0	3.9		0.6	15.74
16	67.1	67.6	65.6	64.8	11.4	4.3		9.2	0.15
17	4.1	3.7	4.0	3.9	12.5	6.9		6.9	11.43
18	4.7	3.6	3.5	3.9	14.1	7.2		3.6	5.89
19	4.1	3.5	4.0	3.9	13.7	8.7		1.6	12.31
20	4.6	4.0	4.3	4.3	19.7	10.1		8.2	18.47
21	2.4	0.1	58.3	60.3	20.6	12.1		8.0	0.00
22	56.1	54.8	58.1	56.3	19.4	17.8		2.1	4.57
23	60.4	61.2	65.7	62.4	15.8	11.1		4.1	8.99
24	64.5	4.6	5.7	4.9	15.7	10.3		5.4	3.57
25	67.0	6.3	6.4	6.6	15.2	8.8		9.8	0.00
26	5.4	3.8	3.3	4.2	16.3	9.9		8.1	0.00
27	4.3	4.9	4.9	4.7	17.8	12.8		3.7	0.00
28	5.4	5.3	5.1	5.3	17.4	11.7		10.8	0.00
	761.99	761.60	761.87	761.82	14.91	9.56		4.95	195.84

BAROMETER

Maximum 767.6 on 16th.
Minimum 750.2 on 10th

THERMOMETER

Maximum 20.6 on 21st
Minimum 3.9 on 15th

RAINFALL

Maximum 36.89 on 2nd

Number of days with rain 21, thunderstorms 2, gales 6

FEBRUARY 1927

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	13.9	15.6	12.7	14.1	11.2	11.9	10.3	7.2	8.4	8.0	7.9	71	64	73	69
2	15.8	14.4	11.7	14.0	11.5	11.7	11.7	7.9	9.0	10.3	9.1	59	72	100	77
3	14.3	14.4	13.7	14.1	12.4	12.2	13.0	8.7	9.3	10.7	9.6	79	76	92	82
4	14.1	14.4	11.7	13.4	12.2	12.7	10.3	9.5	9.9	8.6	9.3	79	80	84	81
5	13.6	15.4	11.8	13.6	11.8	13.9	10.7	9.3	10.9	8.9	9.7	80	84	86	83
6	14.2	15.1	13.7	14.3	12.6	13.9	12.8	9.9	11.0	10.5	10.5	82	87	89	86
7	14.4	14.8	12.2	13.8	13.8	13.8	11.5	11.4	11.0	9.7	10.7	92	88	92	91
8	12.1	12.4	14.4	13.0	11.6	12.4	13.2	9.9	10.6	10.5	10.3	94	100	86	93
9	15.4	12.2	11.4	13.0	12.8	10.6	10.4	9.4	8.6	8.9	9.0	72	82	89	81
10	13.4	12.1	9.0	11.5	10.4	10.4	7.4	7.8	8.4	6.8	7.7	68	80	80	76
11	6.1	8.7	8.8	7.9	6.1	7.8	7.6	6.5	7.3	7.9	7.2	93	88	84	88
12	7.4	9.8	7.8	8.3	6.9	8.8	7.5	6.8	7.8	7.6	7.4	90	88	96	91
13	6.3	8.5	8.3	7.7	5.9	9.7	7.1	6.7	7.8	6.8	7.1	95	93	86	91
14	8.8	9.5	6.6	8.3	7.7	6.4	3.9	7.3	5.8	4.8	6.0	86	65	67	73
15	5.7	7.8	8.7	7.4	4.9	6.3	7.5	6.1	6.4	7.1	6.5	90	82	86	86
16	8.3	10.2	8.9	9.1	7.2	8.8	8.3	7.0	7.6	7.8	7.5	86	83	93	87
17	10.1	12.1	8.9	10.4	9.6	11.1	7.8	8.7	9.2	7.3	8.4	94	87	87	89
18	10.1	13.9	10.6	11.5	9.4	13.0	9.9	8.5	10.5	8.7	9.2	92	85	92	91
19	12.2	10.7	11.1	11.3	11.1	8.8	10.6	9.2	7.6	9.2	8.7	86	80	93	86
20	14.6	17.2	13.7	15.2	13.6	16.2	12.9	11.1	13.1	10.6	11.6	90	90	90	90
21	15.1	18.8	18.3	17.4	14.5	18.3	16.6	11.9	15.2	12.8	13.3	94	94	83	90
22	19.1	18.8	12.2	16.7	18.2	17.7	11.9	15.0	14.3	10.2	13.2	92	89	97	93
23	14.3	13.8	12.1	13.4	13.9	12.8	11.6	11.6	10.3	9.8	10.6	94	88	93	92
24	12.5	13.8	11.7	12.7	12.1	12.8	10.7	10.2	10.3	9.0	9.8	95	88	88	90
25	12.8	14.8	11.7	13.4	11.6	13.8	11.5	9.4	11.1	10.0	10.2	85	88	98	90
26	13.3	15.6	14.4	14.4	12.2	15.0	14.2	10.0	12.3	11.9	11.4	88	94	97	93
27	15.2	16.9	13.9	15.3	14.8	16.6	13.8	12.2	13.9	11.7	12.6	96	97	98	97
28	15.2	17.0	12.8	15.0	14.6	16.7	12.4	12.0	13.9	10.5	12.1	93	97	95	95
	13.14	13.52	12.24	12.97	11.24	12.29	10.61	9.31	10.05	9.16	9.51	86.3	85.8	89.8	87.3

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1·70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30 31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

FEBRUARY 1927
METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	4 cu ci	2	0	2	0	2w	0	54.7	calm	
2	3cu ci	10cu ci	10cu n	7.7	2se	4	0	244.6	,,	sir. th. storm
3	10cu n	10cu n	10cu n	10.	5	5	5	634.9	slight	
4	4	3cu ci	3	3.3	3	5n	1e	257.0	,,	
5	2ci	5ci	3	3.3	1e	1	1s	111.2	calm	
6	2	6	10	6	0	3	1	83.2	,,	
7	9cu n	7cu n	7cun	7.7	5	5	0	415.7	rough	gl. at night
8	9cu n	10	6	8.7	1e	2e	3ne	132.4	calm	strong wind
9	7 cu n	10cu n	10cu n	9	6	2	7	549.6	rough	gl. at n.m.th.
10	9 cu n	8cu n	10cu n	9	8	6	8	845.0	,,	strong gale
11	10 cun	10cu n	4	8	8	8	8	885.4	,,	hail, gale
12	5cu n	7	4	5.3	1	1	3	407.3	slight	snow
13	10cu n	10cu n	3	7.7	2e	1e	4n	210.5	v. slight	
14	9cu n	8cu n	3	6.7	1w	1w	1w	232.7	calm	
15	10cu n	10cu n	10cu n	10.	2w	4n	5n	255.1	v. slight	
16	1 cu ci	5a cu ci	10cu n	5.3	4n	1n	7w	469.9	calm	strong wind
17	9cu n	2	1	4	6nw	1w	1w	340.0	v. slight	
18	9cu n	6	10cu n	8.7	1w	4	2	233.8	,,	
19	10cu n	8cu n	9cu n	9	2	2	1w	370.6	calm	
20	2cu n	3n	0	1.7	1	2	1	280.0	slight	
21	3cu ci	3ci	0	2	1	0	0	57.6	calm	
22	10cu n	5cu ci	10cu n	8.7	2	8	8	434.7	rough	gl. noon fog.
23	9cu n	8	10cu n	9	7	1	6	478.8	slight	gl. at night
24	7	8	0	5	0	1	2	203.0	calm	
25	3	3	2	2.7	1	3	1n	196.3	,,	
26	5 ci	6	0	3.7	1n	2ne	2ne	235.9	,,	
27	7	4	1	4	1n	2	0	189.4	,,	dew
28	0	1	0	.3	1	0	0	67.1	,,	
				5.89				317.0		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	3	0	3	1	0	14	3	1	3
2:30	3	1	2	0	0	17	3	0	2
8.30	3	2	1	0	1	11	4	0	6
Totals	9	3	6	1	1	42	10	1	11

N. B. — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw,